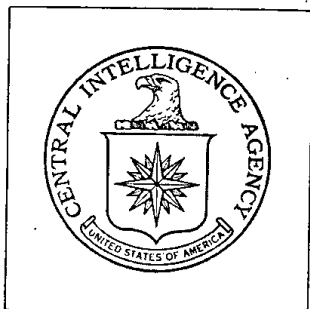


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DIRECTORATE OF
INTELLIGENCE

**Industrial Facilities
(Non-Military)**

Basic Imagery Interpretation Report

Lu-ta Steel Plant

Lu-ta, China



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RCS 13/0258/69

DATE JUNE 1969

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25X1CENTRAL INTELLIGENCE AGENCY
Directorate of Intelligence
Imagery Analysis Service

RCS - 13/0258/69

INSTALLATION OR ACTIVITY NAME		COUNTRY	
Lu-ta Steel Plant		CH	
UTM COORDINATES	GEOGRAPHIC COORDINATES		25X1
51SUV796132	38-57-42N 121-36-27E		
MAP REFERENCE			
15th RTS. USATC Series 200, Sheet M0381-1041 3rd edition, May 67, Scale 1:200,000 (SECRET)			25X1 25X1
LATEST IMAGERY USED		NEGATION DATE (If required)	25X1
		Not Required	

ABSTRACT

Detailed imagery analysis of the major production components of this plant reveals that it has no furnaces for steel production. The side-blown converter shop, previously utilized to produce steel, was modified prior to January 1967 and is currently a rolling mill. The plant now has the characteristic appearance of a heavy equipment plant.* It was observed in operation on all eight photographic missions during 1967, 1968 and 1969.

*NOTE: Action has been initiated through appropriate channels to have the Basic Encyclopedia corrected.

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INTRODUCTION

This installation (designated the Lu-ta Steel Plant in the Basic Encyclopedia) is located near the south end of the Liaotung Peninsula on the northern edge of Lu-ta Harbor (Figure 1), formerly called Ta-lien and Dairen. The Lu-ta Chemical Combine Kan-ching-tzu [redacted] is located directly east of the plant.

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Excellent quality photography from [redacted] was used for this study (Figure 2).

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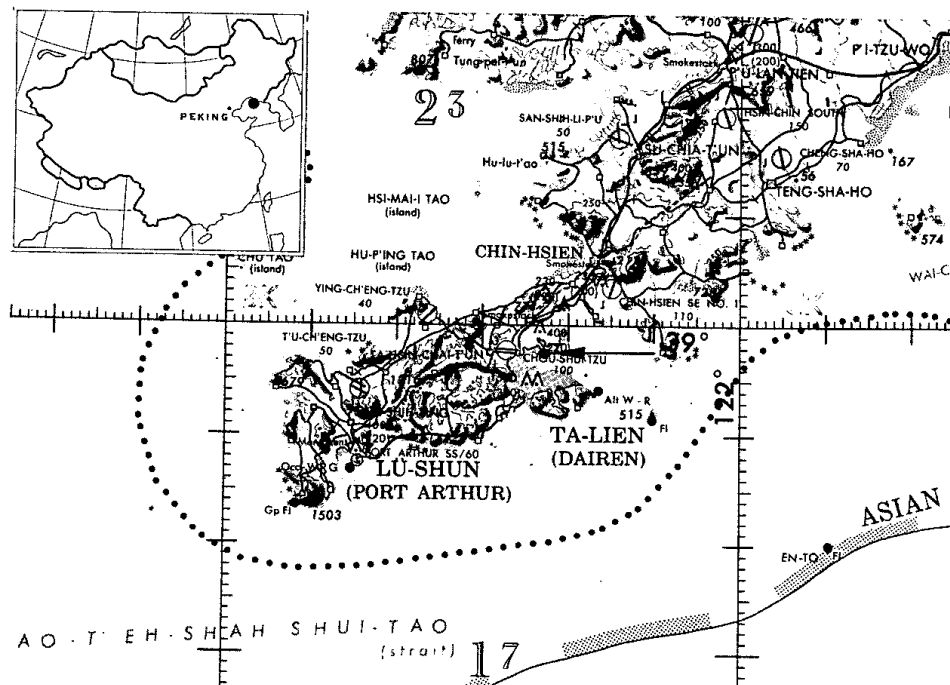


FIGURE 1. LOCATION MAP.

BASIC DESCRIPTION

The plant is bounded on the south by Ta-lien-wan (Bay) and walled on the other three sides. It occupies an area of approximately 4,000 by 2,500 feet. It is served by a good road network and a rail spur off the Shen-yang to Lu-shan rail line.

The major production facilities consist of two rolling mills, several forge shops, several foundries, several forge/machine shops, fabrication buildings, and a possible air separation plant. The previous report 1/ identified a side-blown converter shop for producing steel. This facility was modified prior to January 1967 and is currently identified as a rolling mill (Item 12). With this modification and the absence of any other identifiable steel producing furnaces, this plant is incapable of producing steel. The plant is probably engaged in fabricating parts and some assembly operations. These operations and the identified facilities are characteristic of heavy equipment plants.

Between [redacted] no construction changes were evident within the plant. The presence of smoke and steam and a large amount of railroad rolling stock within the plant area indicated that the plant was in operation when observed on all imagery from [redacted]

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Key to Annotations

Item No.	Description	Dimensions (Ft)*	Roof Cover (Sq Ft)
1	Possible Air Separation Plant	Irregular	27,515
2	Forge Shop	735 x 250	
3	Administration Building	Irregular	17,030
4	Forge/Machine Shop	840 x 130	
5	Fabrication Building	Irregular	135,740
6	Administration Building	235 x 50	11,750
7	Assembly Building	450 x 180	81,270
8	Forge/Machine Shop	370 x 240	88,815
9	Foundry	820 x 200	199,085
10	Rolling Mill	Irregular	136,845
11	Forge/Machine Shop	1,180 x 315	351,955
12	Rolling Mill	640 x 160	128,640
13	Fabrication Building	390 x 120	56,930
14	Foundry	Irregular	126,425
15	Foundry	Irregular	204,920
16	Probable Foundry	Irregular	53,635
17	Foundry	Irregular	155,415
18	Probable Forge Shop	500 x 120	79,080
19	Fabrication Building	Irregular	58,945
20	Foundry	Irregular	35,065

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*The length and width measurements indicated may not equal the corresponding square feet of roof cover. The area of roof cover was determined by taking into account all protrusions and accurately determining the total square feet.

REFERENCES

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Maps

15th RTS. US Air Target Chart, Series 200, Sheet M0381-10HL, 3rd edition, May 67, Scale 1:200,000 (SECRET)

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ACIC. USAF Operational Navigation Chart, Sheet G-10, 5th edition, Mar 68, Scale 1:1,000,000 (UNCLASSIFIED)

Documents

1. CIA. DDI/IAR 85014, Expansion of Chinese Iron and Steel Plants 1965-1967, August 1967, (TOP SECRET)

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Requirement

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